About this document

This Quick Reference Guide summarizes the operation of your A-series display. This guide assumes that the display has been installed and set up in accordance with the procedures in the installation guide and that you have read the User reference manual on the accompanying CD-ROM.

Safety

> ⚠️ **WARNING: Read the user manual**
> Before using the software read the safety information contained within the user reference manual on the accompanying CD-ROM.

> ⚠️ **WARNING: Navigation aid**
> **This product is intended to serve only as an aid to navigation. Use of specific features such as AIS overlay, and various cartographic aids are meant only to aid safety and decision-making. These features cannot be relied upon as complete or accurate as their use and availability may vary locally. It is your responsibility to use caution, sound judgement, official government charts, notices to mariners and proper navigational skill when using this or any other electronic device.**

Powering the display ON/OFF

To Power ON:

Press and hold the **POWER** key until the screen shows the Raymarine logo. The unit starts up in the last used display configuration.

To Power OFF:

Press and hold the **POWER** key until the power down countdown reaches zero. The unit is powered OFF. Releasing the POWER key before the countdown is complete cancels the power off sequence.

Simulator

Your A-Series display includes a simulator mode that enables you to practice operating the unit without data from a GPS antenna or transducer unit.

Note: The simulator will NOT display any real-data, including any safety messages (e.g. those received from AIS).

To turn the simulator ON or OFF:

1. Press and hold the **PAGE/MENU** key to display the setup menu.
2. Use the trackpad **up / down** keys to select **System Setup**.
3. Press trackpad **right** to select the **System Setup** options.
4. Select the Simulator option
5. Select **ON** or **OFF** as required.
6. Press the **OK** key to return back through the menus.

Screen information

Status bar
- Gives information specific to each application.
- Cannot be edited or moved.

Data bar
- Gives information associated with your boat or the environment.
- Customisable content.
- Vertical or horizontal format.
- Display or hide.
- Normal or large size.

Status icons
Confirm status of Sounder, GPS, AIS and Autopilot
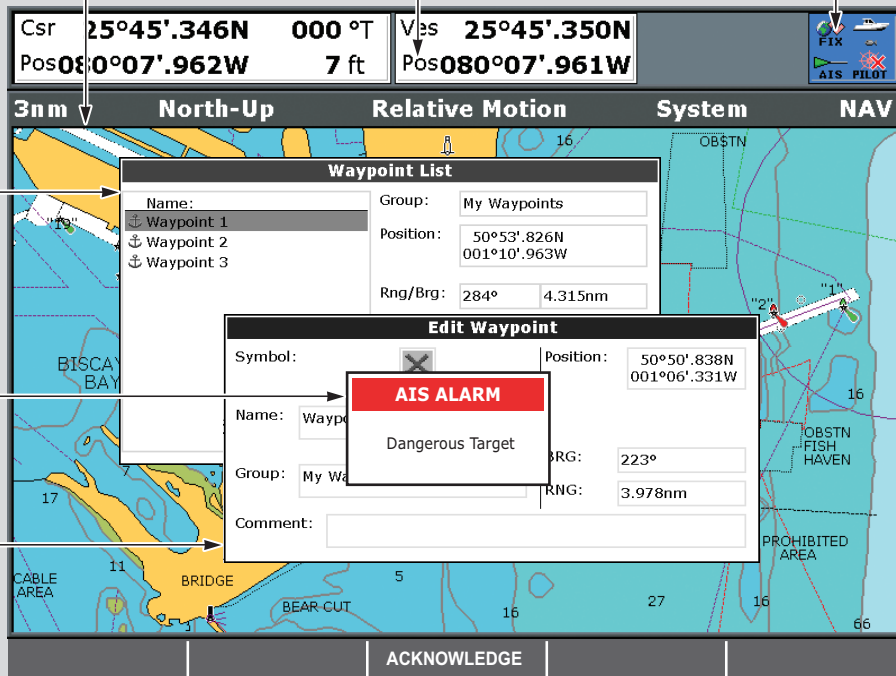
Data base lists
- Contain information you have added to the display's memory e.g. waypoints.
- Highlight an entry using trackpad or rotary control to display related information.
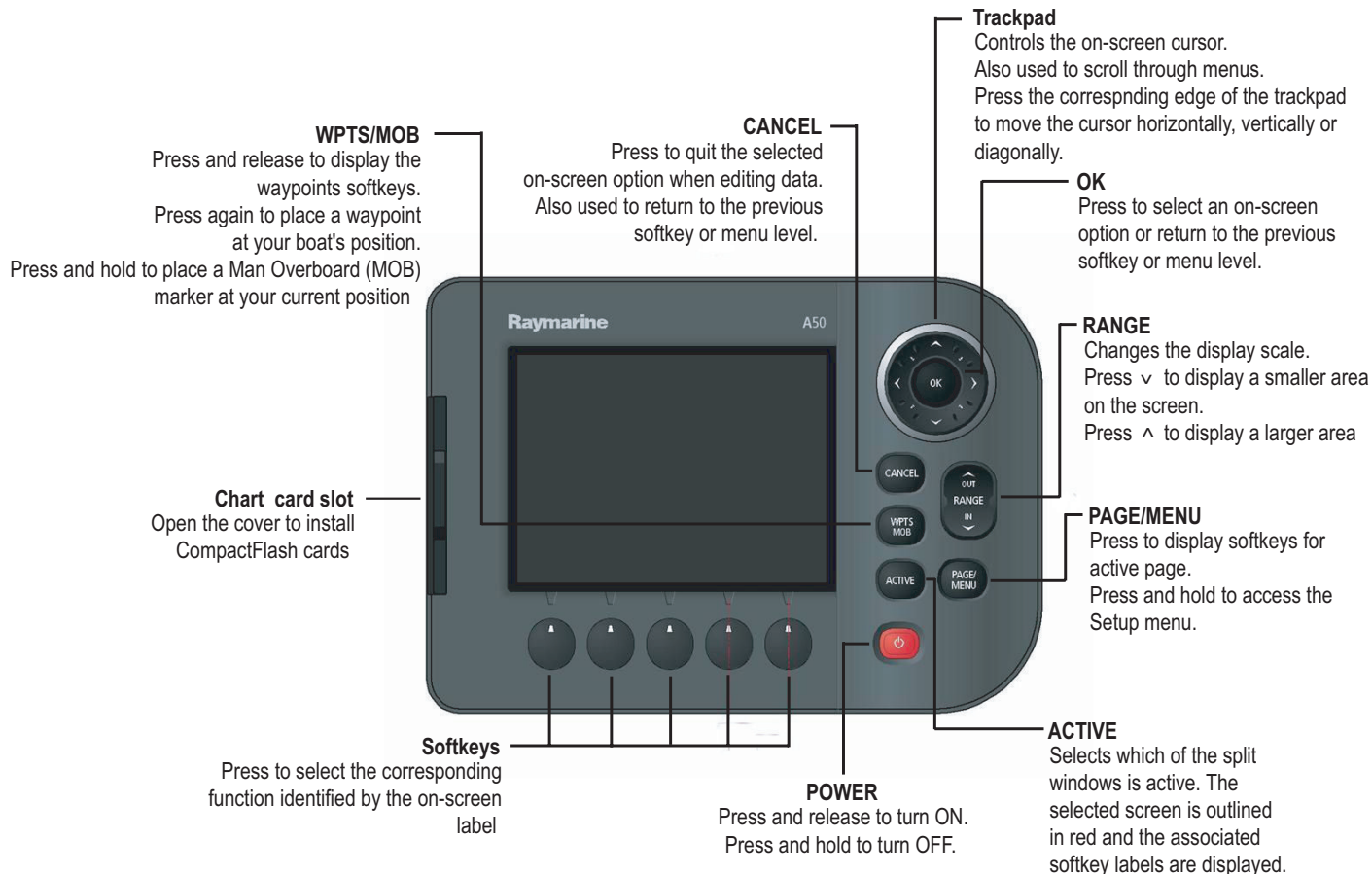- Editable using soft keys.

Pop-up messages
- Alert you to a situation e.g. alarm, function not available.
- Not editable.
- May require a response e.g. press ACKNOWLEDGE to silence alarms.
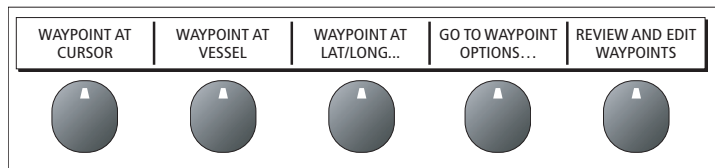
Dialog boxes
Enable data to be edited or entered into a store/list e.g. editing a waypoint.

| Csr | 25°45'.346N | 000 °T | Ves | 25°45'.350N |
| Pos | 080°07'.962W | 7 ft | Pos | 080°07'.961W |

3nm   **North-Up**   **Relative Motion**   **System**   **NAV**

16   OBSTN

Waypoint List

Name:
⚓ Waypoint 1
⚓ Waypoint 2
⚓ Waypoint 3

Group: My Waypoints

Position: 50°53'.826N 001°10'.963W

Rng/Brg: 284°   4.315nm

Edit Waypoint

Symbol: ✕

Position: 50°50'.838N 001°06'.331W

AIS ALARM

Dangerous Target

Name: Waypo...   BRG: 223°

Group: My Wa...   RNG: 3.978nm

Comment:

BISCAY BAY

17

CABLE AREA   11   BRIDGE   5   27   16   66

BEAR CUT   16

OBSTN FISH HAVEN

PROHIBITED AREA

16

"2"   "1"

ACKNOWLEDGE

Controls

Trackpad
Controls the on-screen cursor.
Also used to scroll through menus.
Press the correspnding edge of the trackpad to move the cursor horizontally, vertically or diagonally.

OK
Press to select an on-screen option or return to the previous softkey or menu level.

WPTS/MOB
Press and release to display the waypoints softkeys.
Press again to place a waypoint at your boat's position.
Press and hold to place a Man Overboard (MOB) marker at your current position

CANCEL
Press to quit the selected on-screen option when editing data.
Also used to return to the previous softkey or menu level.

RANGE
Changes the display scale.
Press ∨ to display a smaller area on the screen.
Press ∧ to display a larger area

Chart card slot
Open the cover to install CompactFlash cards

PAGE/MENU
Press to display softkeys for active page.
Press and hold to access the Setup menu.

Softkeys
Press to select the corresponding function identified by the on-screen label

POWER
Press and release to turn ON.
Press and hold to turn OFF.

ACTIVE
Selects which of the split windows is active. The selected screen is outlined in red and the associated softkey labels are displayed.

Raymarine   A50

CANCEL   RANGE   OUT   IN

WPTS MOB

ACTIVE   PAGE/ MENU

Toolbars and softkeys

WAYPOINT AT CURSOR	WAYPOINT AT VESSEL	WAYPOINT AT LAT/LONG...	GO TO WAYPOINT OPTIONS…	REVIEW AND EDIT WAYPOINTS

A toolbar is a set of softkeys and labels which appear along the bottom of an application page or window. The label indicates the function of the button below it. These labels and vary depending upon how you are using the display.

Cursor

When you are using chart and fishfinder applications, the cursor is used to move around the screen.

To move the cursor:

Press the trackpad in the direction you want the cursor to move.

Panning and zooming

In the appropriate chart or fishfinder application windows, you can pan and zoom the view to show a different geographic are (pan) or change the scale at which an area is displayed (zoom).

To Pan the view

Use the trackpad to move the cursor to the edge of the screen, The view automatically moves in the selected direction to bring a different area into view.

To Zoom in or out

Use the **RANGE** button to change the scale of the viewable area. Press 'IN' to see a smaller area of the screen in more detail (large scale). Press 'OUT' to see a greater area of the chart (small scale).

Display lighting and color

Your display unit has two distinct color palettes, for day or night operation. You can also manually adjust the backlight level.

Day/Night operation

To select the day/night mode of operation:

1. Press the **Power** key to display the palette select softkey and brightness level.
2. Press the appropriate softkey to select between Day and Night palettes.

Note: The display saves the current palette when the unit is powered off. A display set to NIGHT may be difficult to see in bright sunlight.

Backlight level

To adjust the backlight level:

1. Press the **Power** key to display the backlight level bar.
2. Use the **left / right** trackpad keys to adjust the backlight level.
3. Press **OK** to accept the setting and exit the backlight adjustment.

Applications

The A-Series features are provided within a number of applications. Some applications are limited to certain models.
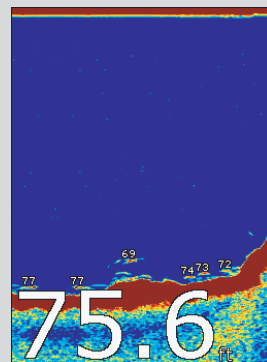
Chartplotter

- Locate where you are
- Interpret your surroundings.
- Monitor where you are going.
- Record where you have been.
- Navigate to a specified position (waypoint).
- Build and navigate routes.
- View details of nearby features & services.
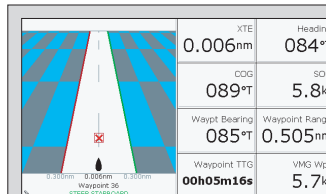- View details of boats equipped with AIS.
- Measure distances and bearings.

Fishfinder

D Models only.

- See where the fish are.
- Identify underwater objects.
- View seabed structure.
- View sea depth and temperature data.
- Mark points of interest, like fishing spots or wrecks

Course Deviation Indicator (CDI)

- View real-time display of your vessel on a 'rolling road' in 3D perspective.
- Give details of any correction required to steer your vessel along a given course.
- View data about the distance and time to go until you reach a specified point.

Data

- View data generated by the system or by instruments available on NMEA 0183, NMEA 2000 or SeaTalk^ng.

3d chart

Requires upgraded cartography (chart card).

- Display a 3D view of land, sea & features.
- Locate where you are.
- Interpret your surroundings.
- Monitor where you are going.
- Go to an existing waypoint.
- Navigate a route.
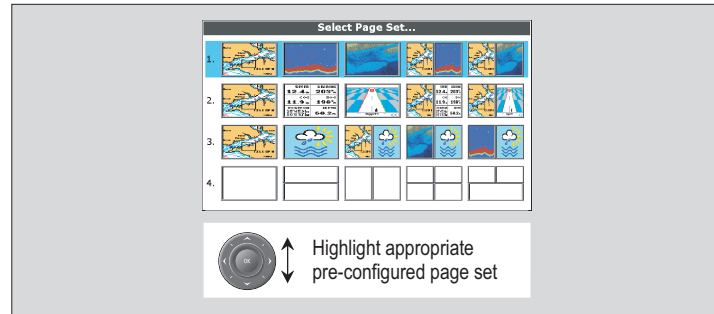- Synchronize with the 2D chart.
- Identify fishing spots.

Displaying applications

The various applications that make up your A-Series system are arranged in groups called page sets.

Selecting a page set

To select a page set:

1. Press and hold the **PAGE/MENU** key to display the setup menu
2. Choose the **Select Page Set** option.

Highlight appropriate pre-configured page set

Selecting an application page

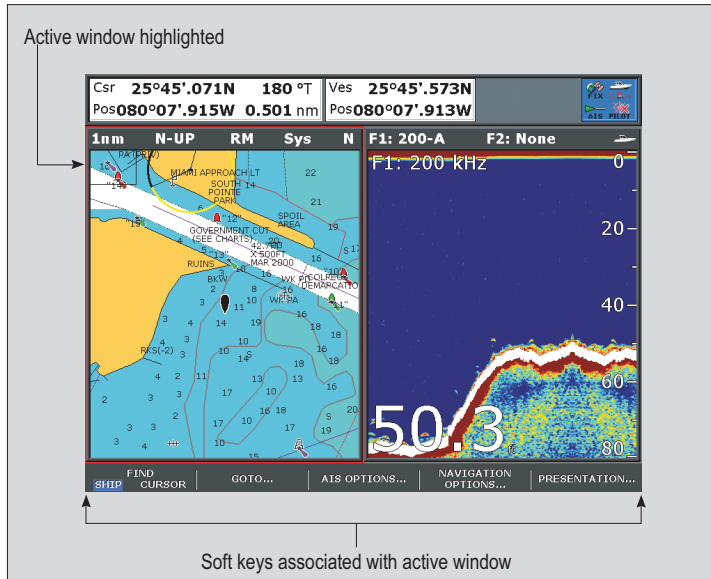Once you have selected the appropriate page set, as detailed above, choose the application page that you want to use.

To view an application page:

1. Press **PAGE/MENU** to show the available pages in the toolbar.
2. Either select the application page you want from the toolbar or toggle between the applications configured in the page set by pressing **PAGE/MENU**.
3. Press **OK** or **CANCEL**.

Split screen pages

When the selected page has more than one application, the window that is currently active has a red border.

When selecting between active windows, the toolbar changes accordingly.

Active window highlighted

Soft keys associated with active window

To change the active window

1. Press **ACTIVE** to toggle active status between windows (the red border moves to highlight the active window).
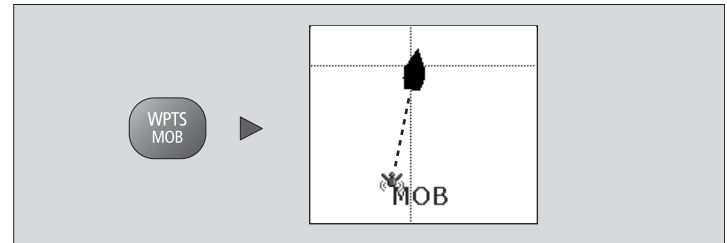
To toggle between split and single window views

1. In a multiple-window view, press and hold the **ACTIVE** button to display the active window at full-screen.

2. Press **ACTIVE** once more to return to multiple-window view.

Emergencies and warnings

You can use your A-Series display to mark the position of a man overboard (MOB) or to sound an alarm when a particular situation occurs, e.g. when a depth limit is reached or a specified period of time has elapsed.

Man overboard

If you lose a person or object overboard and need to return to the spot, activate the Man Overboard (MOB) function immediately. The MOB function is available at all times, whatever application is running on the A-Series display.

To activate the Man Overboard function

1. Press and hold the **WPTS/MOB** key for three seconds.

Note: To obtain an MOB position, you A-Series display must have a GPS fix.

To cancel an MOB alarm:

1. Press and hold the WPTS/MOB button for four seconds.

Once the MOB alarm is cleared:

- the chart application motion mode is reset.
- the databar mode is reset.
- GOTO and route functions are restored.

Alarms

Alarms are used to alert you of a hazard or particular situation. When an alarm sounds, a message box appears on-screen to explain the reason for the alarm.

To cancel an alarm:

1. Press the **ACKNOWLEDGE** softkey.

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